

Converting Colors

Hex(58008C)

Have a look what the booklet for
Hex(58008C) contains.

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Color

Hex(58008C)

Conversions

Conversions Part 1

Format	Color
Hex	58008C
RGB	88, 0, 140
RGB Percent	35%, 0%, 55%
CMY	0.6549, 1.0000, 0.4510
CMYK	0.37, 1.00, 0.00, 0.45
HSL	278°, 100%, 27%
HSV	278°, 100%, 55%
XYZ	8.7581, 3.9682, 25.1153
YIQ	42.2720, 7.5080, 62.1960

Conversions

Conversions Part 2

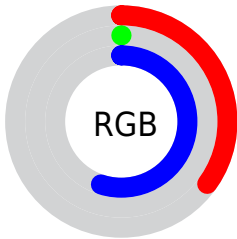
Format	Color
R_{YB}	88, 0, 140
Decimal	5767308
CIE _{Lab}	23.57, 55.29, -54.44
CIE _{LCh}	24, 77.595, 315.446
Yxy	3.9682, 0.2314, 0.1049
Android (android.graphics.Color)	4283957388 (0xFF58008C)
YUV	42.2720, 48.1799, 40.1035
Hunter-Lab	19.9202, 43.6189, -60.8082

Details

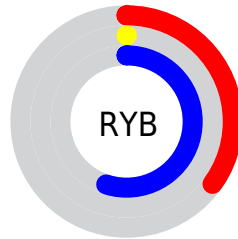
The Hex color **58008C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **348C00**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **9040C3**, and **200059** is the 20% darker color. If you saturate the color by 10%, you get **58008C**, and if you desaturate by 10%, it is **5D0E8C**.

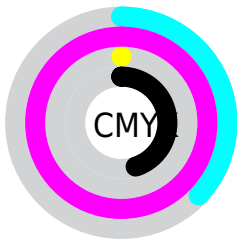
Distribution



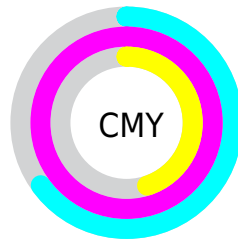
- Red (35%)
- Green (0%)
- Blue (55%)



- Red (35%)
- Yellow (0%)
- Blue (55%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (65%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58008C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 58008C by changing the saturation by 10% instead.

 58008C

 58008C

FFFFFF

 3C0072

 9040C3

 200059

 AC5BDF

 000040

 C976FC

 000329

 E691FF

 000113

 FFACFF

 000000

 FFC8FF

 FFE5FF

 58008C

 5D0E8C

 621C8C

 682A8C

 6D388C

 72468C

 77548C

 7C628C

 82708C

 877E8C

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0038AD



58008C



8B0057

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58008C



5C2B00



004C56

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58008C



348C00

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004A18



58008C



293F00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58008C



810000



004700



004D8C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58008C



950031



004700



004B42

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58008C



A17FB5



00368C



503B5C



DBDBDB



5C5C5C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58008C



7200B5



8C007C



423E45



530085



030005

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8C0034



B50043



008C10



453E41



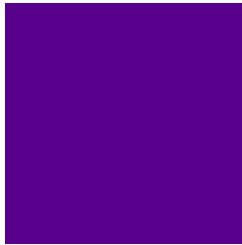
850031



050002

Previews

White Background



This preview shows how the Hex color 58008C looks on a white background.

Color Contrast Check

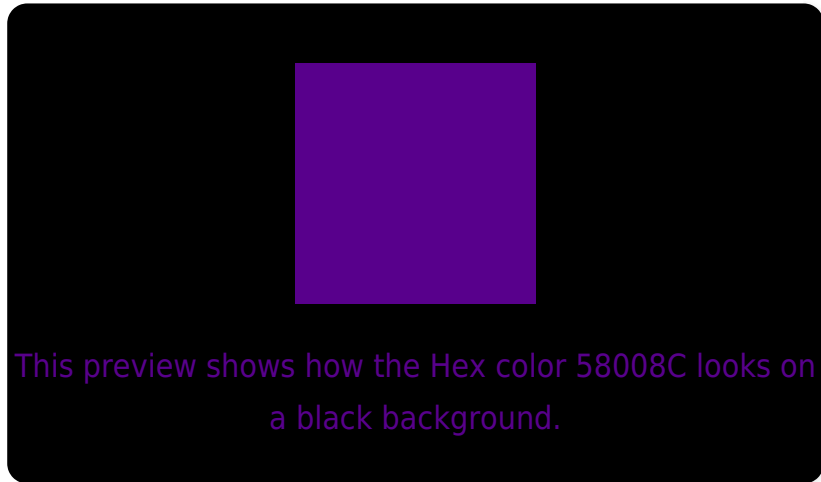
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

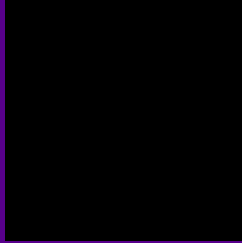
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 58008C Background



This preview shows how black text looks on a background with the Hex color 58008C.



This preview shows how white text looks on a background with the Hex color 58008C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
58008C

Protanopia
003979

Deuteranopia
003D68



Tritanopia
48373B

Trichromacy



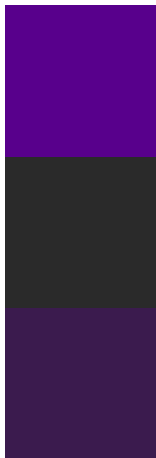
Original Color
58008C

Protanomaly
202480

Deuteranomaly
202775

Tritanomaly
4E2358

Monochromacy



Original Color
58008C

Achromatopsia
2A2A2A

Achromatomaly
3B1B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 58008C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #58008C looks like.

```
.text, #text, p{  
    color:#58008C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #58008C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58008C
}
```

Border

The CSS property to change the border of an element to Hex 58008C is called "border". The border property can be set on classes, ids or directly on the HTML element.

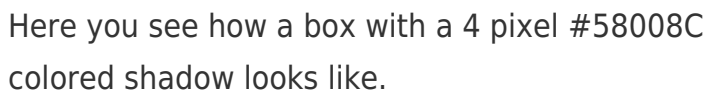
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58008C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#58008C }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #58008C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58008C; -webkit-box-shadow:4px 4px  
4px 4px #58008C; box-shadow:4px 4px 4px  
4px #58008C }
```

Background

The CSS property to change the background color of an element to Hex 58008C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58008C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#58008C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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